OCT 0 2 2001 Spolic

Atty. Docket No.: 22620/1280

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Jonathan Karn

Examiner: Not Yet Assigned

Serial No.:

09/746,170 December 22, 2000

Group Art Unit:

Not Yet Assigned

Filed: Entitled:

METHODS AND COMPOSITIONS

UTILIZING HEPATITIS C VIRUS

Conf. No.:

2924

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL728730454 on this date, October 2, 2001, postage prepaid, in an envelope addressed to Box: Missing Parts, Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Box: Missing Parts

Commissioner of Patents and Trademarks

Washington, D.C. 20231

AMENDMENT

Sir:

This paper is submitted in response to the Notice to File Missing Parts mailed by the USPTO on April 3, 2001.

AMENDMENT

In the Specification:

Please replace the specification with the substitute specification submitted herewith in compliance with 37 C.F.R. 1.52. A marked-up version of the specification showing the changes is submitted herewith.

REMARKS

The amendments made to the specification were necessitated by the requirement for a sequence listing (37 C.F.R. 1.821-1.825), the requirement for proper margins in the specification, and the requirement for substitute drawings under 37 C.F.R. 1.84.

Applicants submit that all of the amendments made herein do not introduce new matter, and are supported by the specification, claims, and drawings as originally filed.

USSN: 09/746,170 Notice to File MP

Title: Methods and Compositions Utilizing Hepatitis C Virus Molecules

Page 2 of 2

Date:

October 2, 2001

Applicants submit that submitted herewith is a substitute paper copy and an initial computer readable copy of the Sequence Listing as required by the Notice to File Missing Parts.

In accordance with 37 C.F.R. §1.821 (f)(g) Applicants hereby state that the paper copy and the computer readable form of the Sequence Listing submitted herewith in the above-identified patent application are supported in the application and contain no new matter. Applicants hereby further state that the information recorded in computer readable form is identical to the written sequence listing.

Respectfully submitted,

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